



Service Description: ***NED Person Change Web Service***

Version #	Change Description	Owner
1.0	Initial Version	Bill Jones

Purpose

The purpose of this document is to provide a general description of the NED Person Change service.

General Description

The NED Person Change web service returns data describing NED that occurred between the specified dates. The NED changes returned are:

- Left NIH
 - The person's NED record was deleted
- New at NIH
 - The person's NED record is new
- Transferred
 - The person's NED record was transferred from one IC to another.
- Modified
 - The person's NED record was modified (the three conditions above do not generate a "modified" change record).

This service is useful to applications that need to synchronize entries in their application databases with NED. A valid Active Directory account and password must be included in the SOAP header. Note: see the Publish NED Changes documentation for receiving NED changes from a published event rather than using a web service.

Operations

There are three operations within the NED Person Change web service. The input for each operation is described below, the output is the NED Person Change schema below.

- ByIC
 - Returns one record for each NED change in the designated IC between the specified dates
- All
 - Returns one record for each NED change that occurred between the designated dates.
- BySite
 - Returns one record for each NED change for people residing in the designated site between the specified dates.

Input Schema

IC or Site (not used by All)	IC or Site abbreviation
From date	Starting date for search in yyyy-mm-dd format
From time	Time within the 'From date' in hh.mm.ss format. If blank or null, then 00.00.00 is used.
To date	Ending date of the search in yyyy-mm-dd format. If blank or null all the records beginning from the start

	date/time are selected
To time	Time within the 'To date' in hh.mm.ss format. If blank or null, then 23.59.59 is used.

Note: Records that exactly match the 'From date/time' and 'To date/time' are included in the output.

Output Schema

The number of records will be returned (0 if no NED records found).

The NED Change record in the following format:

UNIQUEIDENTIFIER	NIH Id
GIVENNAME	First name in upper case
SN	Last name in upper case
NIHORGACRONYM	IC in which the person currently resides (for transfers, this is the "to ic", "from ic" contains the previous IC of residence).
ACTION	<ul style="list-style-type: none">• Left NIH• New at NIH• Transferred from IC-A to IC-B• Modified
ACTION_DATE	date of the NED change
ACTION_TIME	time of the NED change
NIHSITE	The NIHSITE designation of the person whose record was changed

The schema may be obtained from:

<https://soa.nih.gov:443/NEDChanges/Schemas/NedChangesOutput.xsd>

Use Cases

- Search by IC
 - Input
 - * IC = NCI
 - * From Date = 2006-12-01
 - * From Time = "
 - * To Date = 2006-12-05
 - * To Time = "
 - Output
 - * Number of Records = # of NED change records matched
 - * One NED Change record for each change for NCI people between and including December 1, 2006 and December 12, 2006. For "transferred...", a record will be returned whether NCI was the "from" or "to" IC.
- Search for All of NIH
 - Input

- * From Date = 2006-10-01
- * From Time = 14.00.00
- * To Date = 2006-11-30
- * To Time = 10.33.00
- Output
 - * Number of Records = # of NED change records matched
 - * One NED change record for each change that occurred in from October 10th at 2:00pm through November 30th at 10:33am.
- Search by Site
 - Input
 - * Site Designation = 'MD-FCR'
 - * From Date = 2007-01-01
 - * From Time = ''
 - * To Date = ''
 - * To Time = ''
 - Output
 - * Number of Records = # of NED change records matched
 - * One NED change record for each change to people at the MD-FRC (Frederick) site between and since (and including) 1/1/2007.

Contact Information

For additional information on this web service, contact CITISCAadmins@mail.nih.gov